

Appln. No. 09/830,954
Amendment under 37 C.F.R. §1.312
Dated March 6, 2005

Appendix A

Substitute for form 1446A/PTO		Complete if Known	
		Application Number	09/830,954
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	May 3, 2001
		First Named Inventor	Beka SOLOMON
		Group Art Unit	1647
		Examiner Name	C. J. Nichols
		Attorney Docket Number	SOLOMON2C
Sheet	1	of	4

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	AY	BARBAS et al., "Assembly of combinatorial antibody libraries on phage surfaces: The gene III site", <u>Proc. Natl. Acad. Sci. USA</u> , 88:7978-7982 (1991)	
	AK	BARBAS et al., "Semisynthetic combinatorial antibody libraries: a chemical solution to the diversity problem", <u>Natl. Acad. Sci. USA</u> , 4457:4461 (1992)	
	AP	BARBAS et al., "Recombinant human Fab fragments neutralize human type 1 immunodeficiency virus <i>in vitro</i> ", <u>Proc. Natl. Acad. Sci. USA</u> , 89:9339-9343 (1992)	
	BE	BARBAS et al., "Human monoclonal Fab fragments derived from a combinatorial library bind to respiratory syncytial virus F glycoprotein and neutralize infectivity", <u>Proc. Natl. Acad. Sci. USA</u> , 89:10164-10168 (1992)	
	BC	BREITLING et al., "A surface expression vector for antibody screening", <u>Gene</u> , 104:147-153 (1991)	
	BB	BURTION et al., "A large array of human monoclonal antibodies to type 1 human Immunodeficiency virus from combinatorial libraries of asymptomatic seropositive individuals", <u>Proc. Natl. Acad. Sci. USA</u> , 88:10134-10137 (1991)	
	AE	CESARENI et al., "Minireview-Peptides-Peptide display on filamentous phage capsids: A new powerful tool to study protein ligand interaction", <u>FEBS Letters</u> , 307:66-70 (1992)	
	AH	CHANG et al., "Expression of antibody Fab domains on bacteriophage surfaces potential use for antibody selection", <u>Journal of Immunology</u> , 147:3610-3614 (1991)	
	AX	CLACKSON et al., "Letters to nature making Making antibody fragments using phage display libraries", <u>Nature</u> , 352:624-628 (1991)	
	BM	DELMASTRO MEOLA et al., "Immunogenicity of filamentous phage displaying peptide mimotopes after oral administration", <u>Vaccine</u> , 15:1276-1285 (1997)	
	BG	FRENKEL et al., "N-terminal EFRH sequence of Alzheimer's β -amyloid peptide represents the epitope of its anti-aggregating antibodies", <u>Journal of Neuroimmunology</u> , 88:85-90 (1998)	
	AU	GARRARD et al., "Assembly and enrichment in a monovalent phage display system", <u>Biotechnology</u> , 9:1373-1377 (1991)	

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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 601.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO		Complete if Known	
		Application Number	09/930,954
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	May 3, 2001
		First Named Inventor	Beka SOLOMON
		Group Art Unit	1647
		Examiner Name	C. J. Nichols
		Attorney Docket Number	SOLOMON2C
Sheet	2	of	4

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	γ ²
	AI	GLASER et al., "Antibody engineering by codon-based mutagenesis in a filamentous phage vector system", <u>The Journal of Immunology</u> , 149:3903-3913 (1992)	
	AV	GOESSLING et al., "Enhanced degradation of the ferritin repressor protein during induction of ferritin messenger RNA translation", <u>Science</u> , 256:670 (1992)	
	AR	GRAM et al., "In vitro selection and affinity maturation of antibodies from a naïve combinatorial immunoglobulin library", <u>Proc. Natl. Acad. Sci. USA</u> , 89:3576-3580 (1992)	
	BL	HANAN et al., "Inhibitory effect of monoclonal antibodies on Alzheimer's β-amyloid peptide aggregation", <u>Int. J. Exp. Clin. Invest.</u> , 3:130-133 (1996)	
	AM	HAWKINS et al., "Selection of phage antibodies by binding affinity mimicking affinity maturation", <u>J. Mol. Biol.</u> , 226:889-896 (1992)	
	BD	HOOGENBOOM et al., "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (Fab) heavy and light chains", <u>Nucleic Acids Research</u> , 19:4133-4137 (1991)	
	AJ	HOOGENBOOM et al., "Building antibodies from their genes", <u>Immunological Reviews</u> , 130:41-68 (1992)	
	AF	HUSE et al., "Application of a filamentous phage pVIII fusion protein system suitable for efficient production screening, and mutagenesis of F(ab) antibody fragments", <u>The Journal of Immunology</u> , (1992)	
	AG	JONES et al., "Display of antibody chains on filamentous bacteriophage", <u>Methods in Molecular Biology</u> , 80:449-459	
	BA	KANG et al., "Linkage of recognition and replication functions by assembling combinatorial antibody Fab libraries along phage surfaces", <u>Proc. Natl. Acad. Sci. USA</u> , 88:4363-4366 (1991)	
	AS	KANG et al., "Antibody redesign by chain shuffling from random combinatorial immunoglobulin libraries", <u>Proc. Natl. Acad. Sci. USA</u> , 88:11120-11123 (1991)	
	AO	LERNER et al., "Antibodies without immunization", <u>Science</u> , 258:1313-1314 (1992)	

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		Group Art Unit	1547
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	AW	MARKS et al., "By-passing immunization human antibodies from V-gene libraries displayed on phage", <u>J. Mol. Biol.</u> , 222:581-597 (1991)	
	AL	MARKS et al., "Molecular evolution of proteins on filamentous phage", <u>The Journal of Biological Chemistry</u> , 267:16007-16010 (1992)	
	AT	MARKS et al., "Molecular evolution of proteins on filamentous phage", <u>The Journal of Biological Chemistry</u> , 267:16007-16010 (1992)	
	AZ	MCCAFFERTY et al., "Letters-to-nature-phage antibodies: filamentous phage displaying antibody variable domains", <u>Nature</u> , 348:552-554 (1990)	
	BK	MOTTI et al., "Recognition by human sera and immunogenicity of HbsAg mimotopes selected from an M13 phage display library", <u>Gene</u> , 146:191-198 (1994)	
	AD	RENAULD-MONGENIE et al., "Induction of mucosal immune responses against a heterologous antigen fused to filamentous hemagglutinin after intranasal immunization with recombinant <i>Bordetella pertussis</i> ", <u>Proc. Natl. Acad. Sci. USA</u> , 93:7944-7949 (1996)	
	BH	SCHENK et al., "Letters of nature-immunization Immunization with amyloid- β attenuates Alzheimer-disease-like pathology in the PDDAPP mouse", <u>Nature</u> , 400:173-177 (1999)	
	AC	SMITH, "Surface presentation of protein epitopes using bacteriophage expression systems", <u>Current Opinion In Biotechnology</u> , 2:668-673 (1991)	
	BI	SOLOMON et al., "Monoclonal antibodies inhibit <i>in vitro</i> fibrillar aggregation of the Alzheimer β -amyloid peptide", <u>Proc. Natl. Acad. Sci. USA</u> , 93:452-455 (1996)	
	BJ	SOLOMON et al., "Disaggregation of Alzheimer β -amyloid by site-directed mAb", <u>Proc. Natl. Acad. Sci. USA</u> , 94:4109-4112 (1997)	
	BF	SOMERVILLE et al., "Immunodetection of PrP ^{Sc} in spleens of some scrapie-infected sheep but not BSE-infected cows", <u>Journal of General Virology</u> , 7:2389-2396 (1997)	
	AN	WETZEL, "Commentary Learning from the immune system laboratory methods for creating and refining molecular diversity in polypeptides", <u>Protein Engineering</u> , 4:371-374 (1991)	

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